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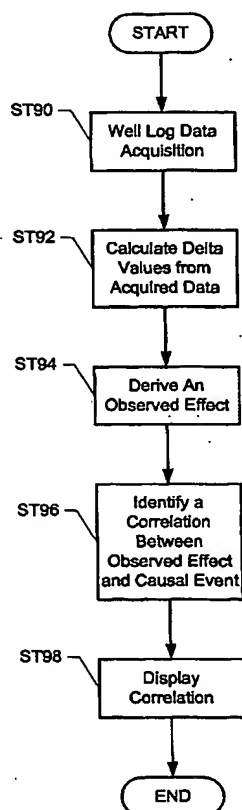
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(54) Title: METHOD AND SYSTEM FOR CAUSE-EFFECT TIME LAPSE ANALYSIS



(57) Abstract: A method of evaluating changes for a wellbore interval involves acquiring a first log data from a logging sensor during a first pass over the wellbore interval, acquiring a second log data from the logging sensor during a second pass over the wellbore interval, calculating a plurality of delta values between the first log data and the second log data, deriving an observed effect using the plurality of the delta values, identifying a correlation between the observed effect and a casual event, and displaying the correlation on a display device.



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